

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-086-41
SALMONS QUADRANGLE
44 KENTUCKY
N3645-W8630/15
DIAGRAM NJ 16-11
NASHVILLE

Logan, Simpson, and Warren Counties

Edition of 8/10/76

PR: CRV/rmm

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

LITTLE MUDDY
(72)

RUSSELLVILLE
(45)

BOWLING GREEN
(43)

Salmons

86°30'

36°45'

MITCHELLVILLE
(210 TENN.-16 KY.)

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

44 KENTUCKY
SALMONS QUADRANGLE

36-086-41
N3645-W8630/15

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

PTS NO 7 1909 KY 543
PTS NO 17 1909 KY 587
PTS NO 25 1919 KY
TT 12 HF 1950 645
TT 16 HF 1950 712
TT 17 HF 1950 747
TT 18 HF 1950 645
TT 19 HF 1950 667
TT 22 HF 1950 658
TT 26 HF 1950 673
TT 27 HF 1950 688
TT 28 HF 1950 689
TT 29 HF 1950 659
TT 30 HF 1950 648
TT 31 HF 1950 626
TT 32 HF 1950 600
TT 33 HF 1950 606
TT 34 HF 1950 548
TT 35 HF 1950 505
TT 35 HF 1950 NO 2
TT 36 HF 1950 476
TT 36 HF 1950 NO 2

3
3
3
5
3
3
3
3
3
3
4
4
4
4
4
4
5
4
4
5
5
5
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NGS

H 120 1940

5

44 KENTUCKY
SALMONS QUADRANGLE

36-086-41
3

| STATION | DESCRIPTION | LATITUDE | LONGITUDE |
|-------------------------|-------------|----------|-----------|
| PLANE COORDINATES, FEET | | ° ' " | ° ' " |

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. B. Kendall, 1909; Books A1373-80; and B. H. Yoakum, 1919; Books A4745-54

Bowling Green; 5.0 mi W. of; at Kuykindalls Store; 10 ft S. of SE. corner of house of W. E. Kuykindall; 40 ft W. of junction of pikes; on iron post; standard cap stamped "PRIM TRAV STA NO 7 1909 KY 543" (Reported destroyed, 1950)

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,769,842 | Y = 242,512 | 36 59 48.47 | 86 32 17.20 |
|---------------|-------------|-------------|-------------|

Rich Pond; 180 ft N. of station; 30 ft W. of, and 2 ft lower than W. rail of main track; 28 ft S. of centerline of graveled rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 17 1919 KY 587" (Reported destroyed, 1952)

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,778,406 | Y = 204,790 | 36 53 36.18 | 86 30 27.90 |
|---------------|-------------|-------------|-------------|

Woodburn; 320 ft N. of station; 43 ft SW. of rd. crossing main track; at NE. corner of stockyard fence; on iron post; standard cap stamped "PRIM TRAV STA NO 25 1919 KY" (Reported disturbed, 1951)

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,772,378 | Y = 186,280 | 36 50 32.67 | 86 31 40.23 |
|---------------|-------------|-------------|-------------|

By H. P. Finch, 1950; Book AH 178

Auburn, 2.3 mi W. of, along U. S. Highway 68, thence 1.6 mi S.; 9 ft N. and 16 ft W. of junction of Y-rd. SE.; 17 ft W. of centerline of N.-S. rd.; in concrete post; standard tablet stamped "TI 16 HF 1950 712"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,709,073 | Y = 183,902 | 36 50 03.29 | 86 44 38.67 |
|---------------|-------------|-------------|-------------|

Auburn, 1.8 mi W. of, along U. S. Highway 68; 23 ft N. and 53 ft W. of intersection of crossroad; 41 ft NW. of centerline of hwy.; 15 ft NW. of large TVA power pole; in concrete post; standard tablet stamped "TI 17 HF 1950 747"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,709,792 | Y = 192,715 | 36 51 30.50 | 86 44 30.96 |
|---------------|-------------|-------------|-------------|

Auburn, in NW. point of; 32 ft S. and 34 ft E. of crossing of State Highway 103 and Louisville and Nashville RR.; 8 ft S. of fence corner; across street from high school gymnasium; in concrete post; standard tablet stamped "TI 18 HF 1950 645"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,718,030 | Y = 195,025 | 36 51 54.19 | 86 42 49.89 |
|---------------|-------------|-------------|-------------|

Auburn, 2.4 mi NW. of, along State Highway 103; 110 ft NW. of junction of I-rd. SW.; 26 ft NE. of centerline of hwy.; in concrete post; standard tablet stamped "TI 19 HF 1950 667"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,714,496 | Y = 204,574 | 36 53 28.24 | 86 43 34.59 |
|---------------|-------------|-------------|-------------|

Gaspar, 0.7 mi N. of; at offset crossroads; 19 ft S. and 20 ft E. of junction of I-rd. E.; in line with centerline of I-rd. W.; in concrete post; standard tablet stamped "TI 22 HF 1950 658"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,709,625 | Y = 228,779 | 36 57 27.07 | 86 44 37.68 |
|---------------|-------------|-------------|-------------|

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Franklin, 2.4 mi NW. of county courthouse, along State Highway 73; 105 ft NE. of center of hwy.; 30 ft SW. of fence corner; 31 ft NW. of another fence corner; in concrete post; standard tablet stamped "TI 26 HF 1950 673"

X = 1,752,645 Y = 153,361 36 45 05.51 86 35 39.36

Franklin, 4.6 mi NW. of county courthouse, along State Highway 73; 1.6 mi SE. of Prospect Hill Consolidated School; 195 ft SE. of junction of private Y-rd. NE.; 30 ft NE. of centerline of hwy.; 4 ft SW. of fenceline; in concrete post; standard tablet stamped "TI 27 HF 1950 688"

X = 1,745,854 Y = 162,348 36 46 33.76 86 37 03.81

Prospect Hill Consolidated School, 0.4 mi NW. of, along State Highway 73; 40 ft W. of centerline of hwy.; in center of large triangle formed by junction of Y-rd. W.; in concrete post; standard tablet stamped "TI 28 HF 1950 689"

X = 1,741,436 Y = 171,328 36 48 02.14 86 37 59.15

Prospect Hill Consolidated School, 2.4 mi NW. of, along State Highway 73; 55 ft S. and 50 ft E. of junction of I-rd. E.; 44 ft E. of centerline of hwy.; 26 ft S. of large oak tree; across hwy. from Pilot Knob Presbyterian Church; in concrete post; standard tablet stamped "TI 29 HF 1950 659"

X = 1,740,763 Y = 181,127 36 49 38.98 86 38 08.55

Prospect Hill Consolidated School, 3.1 mi NW. of, along State Highway 73, thence 1.8 mi NE.; at right-angle curve; 25 ft NW. of centerline of rd.; 5 ft S. of intersection of tangents of centerline of rd.; in concrete post; standard tablet stamped "TI 30 HF 1950 648"

X = 1,745,244 Y = 191,775 36 51 24.67 86 37 14.65

Millikens Chapel Methodist Church; 200 ft NW. of; 25 ft E. of centerline of N.-S. rd.; 23 ft N. and 19 ft E. of junction of I-rd. W.; 28 ft NNW. of fence corner; in concrete post; standard tablet stamped "TI 31 HF 1950 626"

X = 1,747,779 Y = 199,673 36 52 42.99 86 36 44.34

Salem School, 412 ft N. of; 500 ft E. of Salem Church; 25 ft S. and 16 ft E. of junction of I-rd. W.; 25 ft E. of centerline of rd.; in concrete post; standard tablet stamped "TI 33 HF 1950 606"

X = 1,746,358 Y = 214,143 36 55 05.94 86 37 03.47

Browning, 48 ft NW. of store; 23 ft S. and 26 ft W. of junction of I-rd. S.; 3 ft SSW. of fence corner; in concrete post; standard tablet stamped "TI 34 HF 1950 548"

X = 1,748,562 Y = 224,536 36 56 48.91 86 36 37.49

| STATION | DESCRIPTION PLANE COORDINATES, FEET | LATITUDE ° ' " | LONGITUDE ° ' " |
|---------|--|-------------------|--------------------|
|---------|--|-------------------|--------------------|

OBSOLETE MARKS (Cont'd.)

Browning, 2.2 mi N. of; 1.6 mi SE. of Cedar Grove Church; 75 ft ESE. of walnut tree in fence corner; 5 ft N. and 39 ft E. of center of grassy triangle formed by junction of private rd. NE.; 12 ft W. of fenceline; in concrete post; standard tablet stamped "TI 35 HF 1950 505"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,748,701 | Y = 234,238 | 36 58 24.84 | 86 36 36.85 |
|---------------|-------------|-------------|-------------|

Browning, 2.2 mi N. of; 1.6 mi SE. of Cedar Grove Church; 77 ft SW. of SE. corner of rock wall in front of white house; 8 ft S. of middle one of three walnut trees; 4 ft SE. of fenceline; in concrete post; standard tablet stamped "TI 35 HF 1950 NO 2"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,748,779 | Y = 234,333 | 36 58 25.79 | 86 36 35.92 |
|---------------|-------------|-------------|-------------|

Browning, 4.3 mi NE. of; 0.5 mi NW. of Cedar Grove Church; 260 ft E. of SE. end of steel bridge over Gasper River; 20 ft SE. of centerline of rd.; 5 ft NE. of powerline pole; in fenceline; in concrete post; standard tablet stamped "TI 36 HF 1950 476"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,742,879 | Y = 240,405 | 36 59 25.29 | 86 37 49.32 |
|---------------|-------------|-------------|-------------|

Browning, 4.3 mi NW. of; 0.5 mi NW. of Cedar Grove Church; 830 ft E. of SE. end of steel bridge over Gasper River; 28 ft NW. of centerline of rd.; 8 ft S. and 19 ft W. of intersection of tangents at right-angle turn in rd.; in concrete post; standard tablet stamped "TI 36 HF 1950 NO 2"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,743,143 | Y = 240,905 | 36 59 30.25 | 86 37 46.12 |
|---------------|-------------|-------------|-------------|

By T. W. Cayce, 1953; Book AH 314

Bowling Green, 3.2 mi W. of courthouse, along State Highway 71; 24 ft N. of centerline of hwy.; 2 ft S. of fence; in outcropping bedrock; NGS standard disk stamped "H 120 1940" (Not found, 1973)

| | | | |
|---------------|-------------|-------------|-------------|
| X = 1,780,459 | Y = 240,578 | 36 59 30.20 | 86 30 06.14 |
|---------------|-------------|-------------|-------------|

MARKS TIED BY NGS

By H. P. Finch, 1950; Book AH 178

Middleton; 78 ft SE. of Sugart Brothers Store; 29 ft N. and 13 ft E. of junction of State Highways 100 and 103; 4 ft N. of powerline pole; on 5-ft bank; in concrete post; standard tablet stamped "TI 12 HF 1950 645"

| | | | |
|------------------|----------------|--------------|--------------|
| X = 1,711,574.77 | Y = 153,440.40 | 36 45 02.360 | 86 44 03.983 |
|------------------|----------------|--------------|--------------|

Auburn, 7.0 mi E. and NE. of post office, along U. S. Highway 68 and State Highway 80 to Petros Browning Road on left (small roadside park in NE. angle); 82 ft SW. of SW. corner of brick building; 47 ft SE. of about center of intersection of hwy. and Petros Browning Road; 37 ft E. of 20-in. hackberry tree; 36.6 ft E. of metal witness post and sign; 3.25 ft N. of NW. corner of garage building; 18.5 ft W. of 30-in. hackberry tree; in concrete post about 4 in. below surface of paved parking lot for trailer house; standard tablet stamped "TI 32 HF 1950 600"

| | | | |
|------------------|----------------|--------------|--------------|
| X = 1,752,417.52 | Y = 206,317.40 | 36 53 49.102 | 86 35 47.985 |
|------------------|----------------|--------------|--------------|

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-086-41
SALMONS QUADRANGLE
44 KENTUCKY
N3645-W8630/15
DIAGRAM NJ 16-11
NASHVILLE

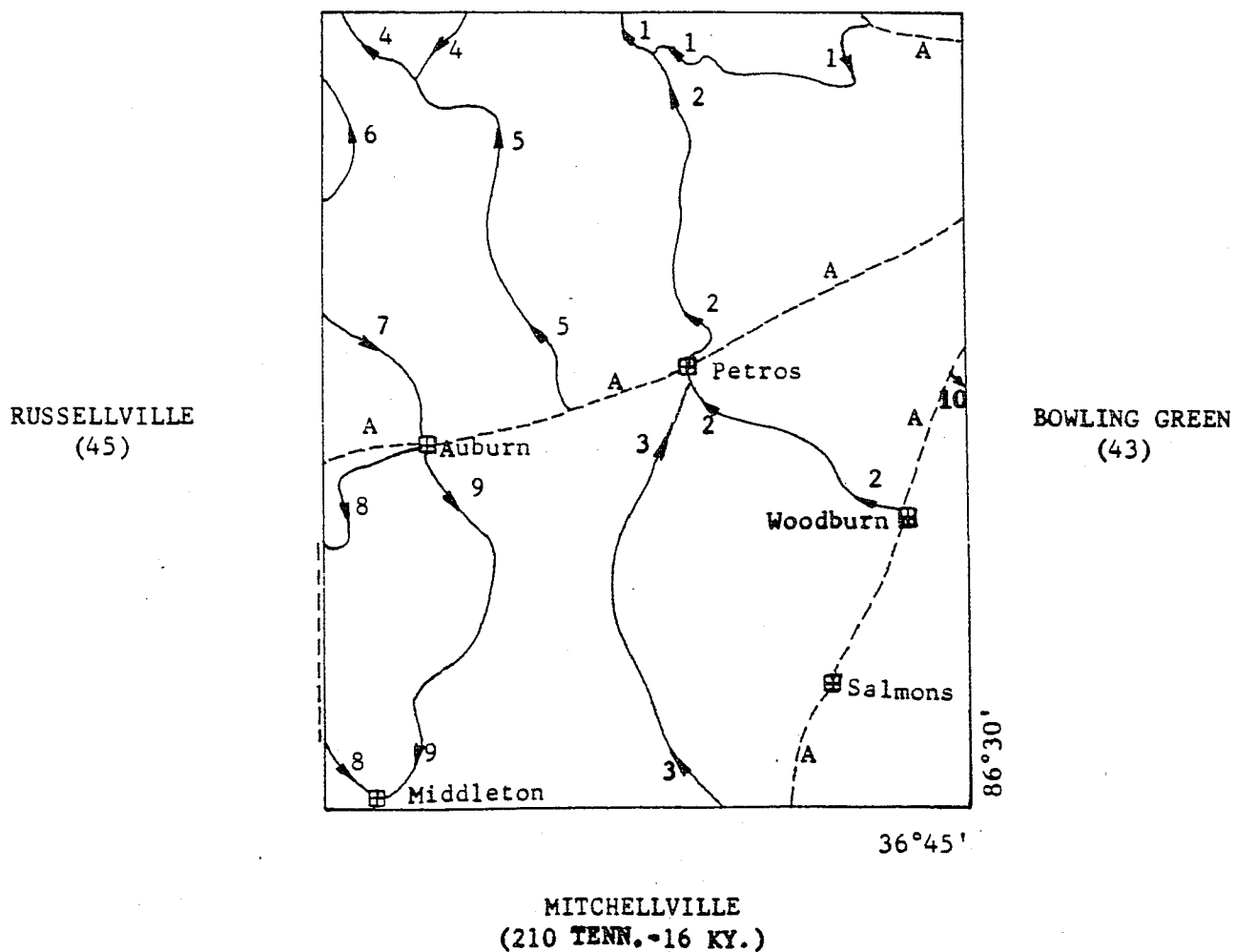
Logan, Warren and Simpson
Counties, Kentucky

Final adjustment of 1973

Edition of 8/10/76

PR: DSW/sws

LITTLE MUDDY
(72)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360864

INDEX OF PERMANENT MARKS

| <u>MARK (USGS.)</u> | <u>PAGE NO.</u> | <u>MARK (USGS.)</u> | <u>PAGE NO.</u> |
|----------------------------|-----------------|---------------------|-----------------|
| PTS NO 7 1909 KY 543 | 3 | 19 JJS 1950 665 | 3 |
| 587 KY 1919 | 3 | 20 JJS 1950 543 | 3 |
| 635 KY 1919 | 3 | 22 JJS 1950 599 | 6,7 |
| 679 KY 1919 | 3 | 23 JJS 1950 621 | 6 |
| TT 12 HF 1950 645 | 8,9 | 34 JJS 1950 587 | 6 |
| TT 16 HF 1950 712 | 8 | 35 JJS 1950 641 | 6 |
| TT 17 HF 1950 747 | 8 | 36 JJS 1950 692 | 7 |
| TT 18 HF 1950 645 | 7 | 37 JJS 1950 604 | 7 |
| TT 19 HF 1950 667 | 7 | 38 JJS 1950 680 | 4 |
| TT 22 HF 1950 658 | 7 | 39 JJS 1950 628 | 4 |
| TT 26 HF 1950 673 | 5 | 40 JJS 1950 637 | 4 |
| TT 27 HF 1950 688 | 5 | 41 JJS 1950 714 | 8 |
| TT 28 HF 1950 689 | 5 | 42 JJS 1950 665 | 8 |
| TT 29 HF 1950 659 | 5 | 43 JJS 1950 649 | 8 |
| TT 30 HF 1950 648 | 6 | 36 CMN 1953 586 | 9 |
| TT 31 HF 1950 626 | 6 | | |
| TT 32 HF 1950 600 | 4 | <u>NGS</u> | |
| TT 33 HF 1950 606 | 5 | D 9 1921 | 7,7,8 |
| TT 34 HF 1950 548 | 5 | E 9 1921 | 6 |
| TT 35 HF 1950 505 | 5 | K 66 1935 | 4 |
| TT 36 HF 1950 476 | 4 | M 66 1935 | 9 |
| 18 JJS 1950 757 RESET 1952 | 3 | J 120 1940 | 3 |

ISOLATED BENCH MARKS (By E. C. Bibbee, 1911; Book A8898)

Feet

Bowling Green; 5.0 mi W. of; at Kuykindalls Store; 10 ft S. of SE. corner of house of W. E. Kuykindall; 40 ft W. of junction of pikes; on iron post; standard cap stamped "PRIM TRAV STA NO 7 1909 KY 543" (Reported destroyed, 1950)

542.779

Rich Pond, 200 ft N. of railroad station; 30 ft S. of public rd. crossing; on W. side of track; on iron post; standard cap stamped "587 KY 1919" (Tied by NGS, 1935)

586.823

Woodburn, public rd. crossing N. of station; on W. side of track; on S. side of rd.; on iron post stamped "635 KY 1919" (Reported disturbed, 1951)

634.169

Salmons, at public rd. crossing; on W. side of track; N. side of rd.; at fence corner; on iron post; standard cap stamped "679 KY 1919" (Reported disturbed, 1951)

678.683

LINE 1.

By J. J. Spahr, 1950; Book AV 184

"J 120 1940" (NGS)

542.279

Bowling Green, 4.7 mi W. of, along State Highway 71, thence 1.7 mi S. along rd.; in village of Blue Level; 25 ft S. of, and 1 ft higher than center of triangle of Y-rd. forks; 2 ft W. of power pole; in concrete post; standard tablet stamped "18 JJS 1950 757 RESET 1952"

756.576

Reference mark, 30 ft N. of tablet; on NW. end of 15-in. corrugated iron pipe; chiseled mark (Note: this is a new reference mark.)

754.43

Blue Level, 2.2 mi W. of school; at T-drive S.; 35 ft W. of, and level with junction; 27 ft S. of center of rd.; 4 ft N. of 1-ft ash tree; in concrete post; standard tablet stamped "19 JJS 1950 665" (Reported destroyed, 1973)

665.084

Reference mark, 27 ft W. of tablet; on concrete curb around cattle guard; chiseled square

665.75

Blue Level, 3.9 mi NW. of school; at T-rd. SW.; 53 ft N. of, and 6 ft higher than junction; 30 ft E. of center of rd.; in concrete post; standard tablet stamped "20 JJS 1950 543"

542.712

Reference mark, 19 ft SE. of tablet; 3 ft NE. of 1-ft. cedar tree; on large rock; chiseled square

541.65

LINE 1 (Cont'd.)Feet

Browning, 4.3 mi NE. of; 0.5 mi NW. of Cedar Grove Church; 260 ft E. of SE. end of steel bridge over Gasper River; 20 ft SE. of centerline of rd.; 5 ft NE. of powerline pole; in fenceline; in concrete post; standard tablet stamped "TT 36 HF 1950 476" 476.224

Reference mark; 290 ft W. of tablet; at NE. corner of steel bridge over Gasper River; on stone wingwall; chiseled square 478.48

LINE 2.

By J. J. Spahr, 1950; Book AV 184

"K 66 1935" (NGS) 638.240

Woodburn, 1.6 mi WNW. of Louisville and Nashville Railroad station, along State Highway 240; 86 ft N. of, and 2 ft higher than intersection of offset crossroads NE. and SW.; 26 ft E. of centerline of hwy.; in concrete post; standard tablet stamped "38 JJS 1950 680" 680.184

U.E., Woodburn, 2.4 mi WNW. of; 30 ft SE. of T-drive N.; on E. corner of concrete headwall of culvert; chiseled square 625.89

Woodburn, 3.4 mi NW. of station, along State Highway 240; 3.5 mi SE. of Petros; 27 ft NW. of, and level with intersection of N.-S. crossroads; 24 ft N. of centerline of hwy.; in concrete post; standard tablet stamped "39 JJS 1950 628" 627.741

U.E., Woodburn, 4.2 mi NW. of; 15 ft NW. of center of rd.; on N. corner of concrete headwall of culvert; chiseled square 584.68

Petros, 1.9 mi S. of T-rd., along U. S. Highway 68, thence 1.0 mi SE. along State Highway 240; 150 ft N. of T-rd. W.; 28 ft E. of centerline of hwy.; 2 ft W. of fenceline; in concrete post; standard tablet stamped "40 JJS 1950 637" (Reported destroyed, 1973) 637.152

Auburn, 7.0 mi E. and NE. of post office, along U. S. Highway 68 and State Highway 80 to Petros Browning Road on left (small roadside park in NE. angle); 82 ft SW. of SW. corner of brick building; 47 ft SE. of about center of intersection of hways. and Petros Browning Road; 37 ft E. of 20-in. hackberry tree; 36.6 ft E. of metal witness post and sign; 3.25 ft N. of NW. corner of garage building; 18.5 ft W. of 30-in. hackberry tree; in concrete post about 4 in. below surface of paved parking lot for trailer house; standard tablet stamped "TT 32 HF 1950 600" 599.973

Reference mark; 80 ft NE. of tablet; on SW. corner of concrete porch of Petros Store; chiseled square 600.96

U.E., Petros, 1.5 mi NW. of; 25 ft W. of T-rd. SW.; on rock ledge; chiseled square 593.11

LINE 2 (Cont'd.)Feet

Salem School, 412 ft N. of; about 500 ft E. of Salem Church; 25 ft S. and 16 ft E. of T-rd. W.; 25 ft E. of centerline of rd.; in concrete post; standard tablet stamped "TT 33 1950 606" 606.057

Reference mark; 25 ft SE. of tablet; on SE. corner of rock ledge; chiseled square 607.42

Browning, 48 ft NW. of store; 23 ft S. and 26 ft W. of junction of T-rd. S.; 3 ft SSW. of fence corner; in concrete post; standard tablet stamped "TT 34 HF 1950 548" 547.903

Reference mark; 80 ft SE. of tablet; on NW. corner of concrete curbing around gasoline pumps of Nelly's Store; chiseled square 552.29

Browning, 2.2 mi N. of; 1.6 mi SE. of Cedar Grove Church; 75 ft ESE. of walnut tree in fence corner; 5 ft N. and 39 ft E. of center of grassy triangle formed by junction of private rd. NE.; 12 ft W. of fenceline; in concrete post; standard tablet stamped "TT 35 HF 1950 505" 505.133

Reference mark; 220 ft SE. of tablet; on top of SE. corner of masonry wall; chiseled square 509.82

LINE 3.

By J. J. Spahr, 1950; Book AV 184

Franklin, 2.4 mi NW. of county courthouse, along State Highway 73; 105 ft NE. of center of hwy.; 30 ft SW. of fence corner; 31 ft NW. of another fence corner; in concrete post; standard tablet stamped "TT 26 HF 1950 673" 672.438

Reference mark, 117 ft SW. of tablet; on top of SW. end of 2-ft concrete drainpipe; chiseled square 671.23

U.E., Franklin, 2.7 mi NW. of; on N. corner of N. concrete wing-wall of steel bridge over Sinking Creek; chiseled square 660.96

Franklin, 4.6 mi NW. of county courthouse, along State Highway 73; 1.6 mi S. of Prospect Hill School; 195 ft SE. of private rd. NW.; 30 ft NE. of center of hwy.; 4 ft SW. of fenceline; in concrete post; standard tablet stamped "TT 27 HF 1950 688" 687.798

Prospect Hill School, 0.4 mi NW. of, along State Highway 73; 40 ft W. of center of hwy.; in center of large triangle formed by Y-rd. W.; in concrete post; standard tablet stamped "TT 28 HF 1950 689" 688.680

Prospect Hill School, 2.4 mi NW. of, along State Highway 73; 44 ft E. of center of hwy.; 55 ft S. and 50 ft E. of T-rd. E.; 26 ft S. of large oak tree; across hwy. from Pilot Knob Church; in concrete post; standard tablet stamped "TT 29 HF 1950 659" 658.806

Reference mark, 21 ft N. of tablet; 6 ft S. of 4-ft oak tree; on rock ledge; chiseled square 661.89

LINE 3 (Cont'd.)Feet

Prospect Hill School, 3.1 mi NW. of, along State Highway 73, thence 1.8 mi NE.; at 90 degree curve in rd.; 25 ft NW. of center of rd.; in concrete post; standard tablet stamped "TT 30 HF 1950 648" 648.205

Reference mark; 60 ft NE. of tablet; in S. base of 3-ft oak tree; copper nail and washer 648.77

Millikens Chapel Methodist Church, about 200 ft NW. of; 25 ft E. of center of N.-S. rd.; 23 ft N. and 19 ft E. of T-rd. W.; 28 ft NNW. of fence corner; in concrete post; standard tablet stamped "TT 31 HF 1950 626" 626.095

Reference mark, 170 ft SSE. of tablet; on N. corner of N. lower step to entrance to church; chiseled square 628.02

LINE 4.

By J. J. Spahr, 1950; Book AV 184

Greenville, 3.5 mi SE. of offset crossroads; 2.2 mi SW. of Richelieu; 49 ft NE. of, and 4 ft higher than T-rd. W.; 27 ft E. of center of rd.; 2 ft W. of fenceline; in concrete post; standard tablet stamped "22 JJS 1950 599" 599.450

Greenville, 2.1 mi SE. of crossroads; 36 ft W. of, and 2 ft higher than intersection of Morgantown and Greenville Roads; 2 ft E. of fenceline; in concrete post; standard tablet stamped "23 JJS 1950 621" 620.927

LINE 5.

By J. J. Spahr, 1950; Book AV 184

"E 9 1921" (NGS) 608.109

South Union, 2.1 mi N. of Louisville and Nashville Railroad crossing, along State Highway 73; on N. corner of N. abutment of concrete bridge over Lick Creek; standard tablet stamped "34 JJS 1950 587" 586.911

Reference mark; on S. abutment corner of concrete bridge over Lick Creek; chiseled square 586.87

South Union, 3.5 mi N. of, along State Highway 73; 45 ft SW. of, and 3 ft lower than junction of Y-rd. SW.; 35 ft W. of center of hwy.; 2 ft W. of electric pole; in concrete post; standard tablet stamped "35 JJS 1950 641" 640.459

Reference mark, 73 ft SE. of, and 4 ft higher than tablet; 30 ft E. of center of rd.; on rock ledge; chiseled square 643.91

LINE 5 (Cont'd.)Feet

South Union, 5.6 mi N. of, along State Highway 73; at Cave Spring Church; 3 ft N. of N. side of church; 13 ft E. of 1-ft persimmon tree; in concrete post; standard tablet stamped "36 JJS 1950 692" 691.419

Reference mark, 65 ft W. of tablet; on N. end of second step to church; chiseled square 691.25

South Union, 7.2 mi N. of, along State Highway 73; 2.8 mi SW. of Richelieu, thence 2.1 mi E.; 66 ft NW. of, and 3 ft lower than T-rd. W.; 40 ft N. of center of rd.; in concrete post; standard tablet stamped "37 JJS 1950 604" 603.818

Reference mark, 45 ft S. of tablet; on S. end of concrete pipe culvert; chiseled square 603.90

"22 JJS 1950 599" (Described in line 4) 599.450

LINE 6.

By J. J. Sparh, 1950; Book AV 184

Gasper, 0.7 mi N. of; at offset crossroads; 19 ft S. and 20 ft E. of T-rd. E.; opposite T-rd. W.; in concrete post; standard tablet stamped "TT 22 HF 1950 658" 657.511

LINE 7.

By J. J. Spahr, 1950; Book AV 184

Auburn 2.4 mi NW. of, along State Highway 103; 110 ft NW. of T-rd. SW.; 26 ft NE. of center of hwy.; in concrete post; standard tablet stamped "TT 19 HF 1950 667" 666.615

Reference mark, 235 ft NW. of tablet; on NE. corner of L-shaped concrete culvert; chiseled square 661.27

Auburn, in NW. part of; 32 ft S. and 34 ft E. of crossing of State Highway 103 and Louisville and Nashville Railroad; 8 ft S. of fence corner; across street from Auburn High School gymnasium; in concrete post; standard tablet stamped "TT 18 HF 1950 645" 644.722

Reference mark, 176 ft S. of tablet; on lower N. corner of steps at entrance to Auburn High School; chiseled square 646.82

"D 9 1921" (NGS) 641.560

LINE 8.

By J. J. Spahr, 1950; Book AV 184

"D 9 1921" (NGS) (Also in line 7) 641.560

LINE 8 (Cont'd.)Feet

U.E., Auburn, 1.4 mi W. of; near top of hill; 15 ft N. of center of hwy.; on top of N. concrete headwall of culvert; chiseled square 712.88

Auburn, 1.8 mi W. of, along U.S. Highway 68; 23 ft N. and 53 ft W. of crossroad; 41 ft NW. of center of hwy.; 15 ft NW. of large TVA powerline; in concrete post; standard tablet stamped "TT 17 HF 1950 747" 746.964

Reference mark, 32 ft SW. of tablet; on rock ledge; chiseled square 744.90

Auburn, 2.3 mi W. of, along U.S. Highway 68, thence 1.6 mi S.; 9 ft N. and 16 ft W. of Y-rd. SE.; 17 ft W. of center of N.-S. rd.; in concrete post; standard tablet stamped "TT 16 HF 1950 712" 711.751

/Jogs into Russellville Quadrangle/

Middleton, 29 ft N. and 13 ft E. of junction of State Highways 100 and 103; 78 ft SE. of Sugart Brothers Store; 4 ft N. of powerline pole; on 5-ft bank; in concrete post; standard tablet stamped "TT 12 HF 1950 645" 644.547

Reference mark, 236 ft E. of tablet; at entrance to Middleton Baptist Church; on concrete walk; chiseled square 642.83

LINE 9.

By J. J. Spahr, 1950; Book AV 184

"D 9 1921" (NGS) (Also in lines 7 and 8) 641.560

Auburn, 2.8 mi SE. of post office, along State Highway 103; 45 ft S. of junction of Y-rd. SE.; 25 ft W. of center of hwy.; 3 ft W. of telephone pole; in concrete post; standard tablet stamped "41 JJS 1950 714" 713.567

Auburn, 4.8 mi S. of, along State Highway 103; 4.8 mi NE. of Middleton; 58 ft S. of junction of Y-rd. SE.; 29 ft SE. of center of hwy.; in concrete post; standard tablet stamped "42 JJS 1950 665" 664.465

Reference mark, 360 ft SW. of tablet; on NE. corner of N. headwall of concrete culvert; chiseled square 660.63

Middleton, 2.5 mi NE. of store, along State Highway 103; at Locust Grove Church of Christ; 119 ft SSE. of, and 1 ft lower than crossroad; 58 ft E. of center of hwy.; in concrete post; standard tablet stamped "43 JJS 1950 649" (Reported destroyed, 1973) 649.146

Reference mark, 46 ft SE. of tablet; on N. corner of concrete porch of Locust Grove Church; chiseled square 649.19

LINE 9 (Cont'd.)Feet

U.E., Middleton, 1.3 mi NE. of; on corner of NE. wingwall of concrete bridge over Spring Creek; chiseled square

609.19

/Jogs into Russellville quadrangle/

"TT 12 HF 1950 645" (Described in line 8)

644.547

LINE 10.

By C. M. Nichols, 1953; Book AV 344

4 50 0.00 "M 66 1935" (NGS)

577.407

4 51 2.99 Rich Pond; 40 ft SE. of, and 5 ft lower than center of RR. crossing; 30 ft E. of track; 25 ft S. of centerline of rd.; 3 ft W. of corner fencepost; in top of concrete post; standard tablet stamped "36 CMN 1953 586"

585.480